SHEET: COW-A1 (05/2005)

CELL 1
SEE DWG WL-C0101

WL-E0110 ELECTRICAL ENCLOSURE AND LUMINAIRE

METERING CHAMBER 3 WL-C0450

HV-L001B

SLU 150

FM 200

FM 150

TOP OF BERM 241.795

RIPRAP (TYP)

WL-C0110

MH2

4.0m

DRN 250

241.795

MH3

DRN 250

241.795

TOP OF BERM

4:1 (TYP)

INTER CELL OVERFLOW INV. 241.25

1 WL-C0405 DEWATERING PUMP STATION

6:1 (TYP)

2 WL-C0450 DECANT STRUCTURE (TYP)

238.59

238.70

4:1 (TYP)

4:1 (TYP)

109.5m

29.6m

INFLUENT PIPE (TYP)

6 WL-C0105

59.3m

241.645

HV-L300A

HV-L200H

CELL 2
AVG. BOTTOM ELEV. 238.70±

HV-L200A

31.9m

TOP OF BERM 241.975

INTER CELL OVERFLOW INV. 241.00

WL-C0201

EXISTING PROPERTY LINE

8.2m

EXISTING PROPERTY LINE

CELL 3
SEE DWG WL-C0103

HV-L300B

HV-L200G

DRN 200 @ 0.3%

122.5m

4:1 (TYP)

DRS 150 (TYP)
← 0.1%

FENCE 2 WL-C0452

FM 200

SLU 150

FM 150

4 WL-C0105 150 SUB DRAIN CLEAN OUT (TYP)

HV-L200B

3 WL-C0105

238.59

238.90

6:1 (TYP)

3.0m

9.4m

210.0M

GRAVEL ROAD AT BOTTOM OF CELL

SLU 150

4:1 (TYP)

8.2m

TOP OF BERM 241.975

HV-L200F

HV-L200E

HV-L200D

HV-L200C

200 COLLECTION HEADER CLEAN OUT (TYP)
2 WL-C0105

23.3m

4:1 (TYP)

SLU 150

HV-L001D

22.5m

DOUBLE LOCKABLE GATES
1 WL-C0452

TIE IN WITH EXISTING FENCE

EXISTING FENCE

SEE DETAIL 1 FOR CONTINUATION

HV-L001A

HV-L001C

FM 150

SLU 150

FM 200

LIMIT OF CONTRACT FOR FM200.
(WITH BLIND FLANGE)
N=5523930.835
E=647732.220

HYDRO TOWER

SCADA CABLE

SCADA CABLE

LIMIT OF CONTRACT
FOR FM150/SLU150
(WITH BLIND FLANGES)
N=5523939.6604
E=647799.7625

02

DETAIL 1
1:500

SCALE 1:500 METRES 0 10 20 30 40 50

SCALE 1:1 MILLIMETRES 0 20 40 60 80 100

150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO			LIGHT STANDARD	
	HYDRANT			M.T.S.			ANCHOR	
	VALVE			CONCRETE		H	POLE	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT		391.0	CONTOURS	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE			RAIL X-ING SIGNAL	
	MANHOLE			SURVEY BAR			RAILWAY TRACK	
	CATCH BASIN		232.750	ELEVATION	232.750		DITCH	
	CURB INLET		500ø	TREE			SLUDGE FORCEMAIN	SLU 150
	JUNCTIONS			ANODE			WASTEWATER FORCEMAIN	FM 150/200
	CULVERT			CONCRETE SIDEWALK			PERFORATED SUBDRAINS	DRS 150
	GAS			FENCE			DRAIN	DRN 250
EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED	EXISTING	LEGEND – PLAN	PROPOSED

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

NO.	REVISIONS	DATE	BY
03	ISSUED FOR TENDER (94-2007)	07/02/20	LAE
02	34-2006 FI-0-012-ET	06/09/14	JBC
01	ISSUED FOR CONSTRUCTION	06/06/06	JBC
00	ISSUED FOR TENDER	06/03/07	JBC

B.M. ELEV.

CH2MHILL Fredericksen Cooper ARCHITECTS

EarthTech A Tyco International Ltd. Company

DESIGNED BY SM | CHECKED BY SRB
DRAWN BY JBC | APPROVED BY DJT
SCALE: 1:500 | RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI
DATE 2006/01/02 | DATE 06/03/07

ENGINEER'S SEAL
ORIGINAL SIGNED BY
S.R. BILEVICIUS
2006/03/07

CONSULTANT DRAWING NO. WL-C0102

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
CONSTRUCTION OF DEWATERING CELLS

CIVIL
CELL 2 PLAN VIEW

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER 1-0601L-A-C0102-001-03D

Last Save: 2007-02-20 1:49 PM

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